

Cole Broberg

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EDUCATION

Texas A&M University, College Station, TX BS - Computer Science

2021-Present Senior Classification, Graduate Fall '24
GPR: 4.0 Minors: Japanese, Math

Woodrow Wilson High School, Dallas, TX International Baccalaureate Diploma Recipient

2017-2021
SAT: 1600 Rank: Valedictorian, 1/412

ONGOING PROJECTS

Graph Research with Dr. Tim Davis Implementing versatile random and structured graph generators using the GraphBLAS standard for LAGraph, an algorithm library built on SuiteSparse:GraphBLAS. 6hrs./week

Texas A&M Sailing Team Website Designing a website for the Texas A&M Sailing Team. Site features team info, officer bios, regatta and scheduling information, contact forms, and donation links. 3hrs./week

WORK EXPERIENCE

Peer Teacher: Texas A&M Computer Science Became a peer teacher in January 2023 under Dr. Teresa Leyk. Taught introductory C++, Data Structures and Algorithms, and Computer Organization. 5 hrs./week, 20 weeks/year

English Intern, Kyorin University, Tokyo, Japan Studied Japanese in Tokyo for 10 weeks in the summer of 2023, helped teach English speaking and writing. Experienced full-immersion Japanese language and culture. 40 hrs./week

Sailing Coach: Corinthian Sailing Club Became a coach in June 2018. Handled a program of ~40 sailors and sailed Optimists, 420s, Lasers, and Flying Scots. 35 hrs./week, 6 weeks/year, 4 summers

EXTRACURRICULARS/INTERESTS

Texas A&M Sailing Team Second-year president of the A&M Sailing Team. Lead 60-person team in national regattas through SEISA. Small-boat sailor since the second grade. 5 hrs./week, 45 weeks/year

Texas A&M Sport Clubs Executive Committee Member of the highest ranking student organization at Texas A&M, handle governance of 38 sport clubs and distribution of \$250,000+ budget with a team of 5. 3 hrs./week, 40 weeks/year

PROGRAMMING EXPERIENCE

Extensive Experience:

- C++

Experience:

- Python
- Selenium
- Java
- Arduino
- Octave
- HACK Assembly

Familiarity

- JavaScript, HTML, CSS

ACADEMIC AWARDS

Texas A&M Brown Scholar, 2021

2021 National Merit Scholar, National Merit Scholarship Corporation

2021 Presidential Scholar Candidate, US Department of Education

National AP Scholar, 2020

PROFICIENT LANGUAGES

English, Japanese, French

CERTIFICATIONS/LICENSES

US Sailing Instructor's Certification (Level I)

CPR Certification

Motorboat license (small boat)